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1 [Using the multi-layer model for building interactive graphical applications](#)

Jean-Daniel Fekete, Michel Beaudouin-Lafon

 November 1996 **Proceedings of the 9th annual ACM symposium on User interface software and technology**

 Full text available: [pdf\(1.29 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: graphic model, interaction, multi-layer model, optimizations, toolkits

2 [Session 1A: object interactions and collisions: Multi-layered deformable surfaces for virtual clothing](#)

Wingo Sai-Keung Wong, George Baciu, Jinlian Hu

 November 2004 **Proceedings of the ACM symposium on Virtual reality software and technology VRST '04**

 Full text available: [pdf\(1.64 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)


We propose a positional constraint method to solve the multi-layered deformable surface problem based on a *master-slave scheme*. This allows two or more deformable surfaces to be attached together in any orientation relative to each other for the purpose of modeling cloth attachments and multi-layered clothing. The method does not require the mesh resolution of the deformable surfaces to be the same or the matching of anchor points between layers. After the attachment process, the surfaces ...

Keywords: collision detection, deformable surfaces, master-slave, multi-layer, non-manifold geometry, virtual clothing

3 [Modeling document-mediated interaction](#)

William Hart-Davidson

 October 2002 **Proceedings of the 20th annual international conference on Computer documentation**

 Full text available: [pdf\(313.55 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)


Current approaches to modeling texts create text structures based on semantic representations of authorial intention or a pre-determined information structure. This paper considers an alternative to these two approaches - modeling document-mediated interaction - and discusses challenges associated with this alternative approach.

Keywords: activity theory, document modeling, human-computer interaction, technical communication

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	40	visual and transparent and visibil\$4 and overlay and merge	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/13 10:29
S2	0	(visual and transparent and visibil\$4 and overlay and merge) and ((345/136).ccls.)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/13 10:29
S3	0	(visual and transparent and visibil\$4) and ((345/136).ccls.)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/13 10:30
S4	0	(visual and transparent and visibil\$4) and ((345/113).ccls.)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/13 10:30
S5	4	(visual and transparent and visibil\$4 and overlay and merge) and ((345/629).ccls.)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/20 08:49
S6	2182	visual and transparent and visibil\$4 and layer	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/13 10:50
S7	9	(visual and transparent and visibil\$4 and layer) and ((345/629).ccls.)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/13 10:52
S8	3	(visual and transparent and visibil\$4 and layer) and ((345/619).ccls.)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/13 10:55
S9	4	(visual and transparent and visibil\$4) and ((345/619).ccls.)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/13 10:57

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S15	0	(visual and transparent and visibil\$4) and (visual and transparent and visibil\$4 and overlay and merge) and ((345/640).ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/20 08:50
S16	0	(visual and transparent and visibil\$4) and ((345/640).ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/20 08:50
S17	14	(visual and transparent and visibil\$4) and ((345/629).ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/20 08:50
S18	1	(david near2 dwyer) and (michelle near2 covert) and (aaron near2 gannon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 14:17
S19	21	(david near2 dwyer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 14:17

S20	1	(michelle near2 covert)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 14:22
S21	4	(aaron near2 gannon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 14:21
S22	4	(visual and transparent and visibil\$4 and overlay and merge) and ((345/629).ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 14:55
S23	13	(visual and transparent and visibil\$4 and layer) and ((345/629).ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 14:50
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S25	881	((345/629).ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 14:54
S26	64013	("345"/\$)!.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 14:54
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S28	2038	S27 and navigat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 14:55
S29	0	S28 and visual and transparent and visibil\$4 and overlay and merge	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 14:55

S30	0	S28 and transparent and visible and overlay and merge	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 14:55
S31	101	S28 and transparent and visible and overlay and merge	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 14:56
S32	12	S28 and transparent and visible and overlay	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 14:56
S33	5	(displaying) adj4 (multi near operation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 12:42
S34	71	(graphic) adj4 (multi near operation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 12:25
S35	68	S34 and @ad <= "20010412"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 12:25
S36	0	S35 and automation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 12:23
S37	68	S35 and control	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 12:23
S38	0	S37 and visual	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 12:23

S39	5	(visual) adj4 (multi near operation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 12:25
S40	5	(visual) adj7 (multi near operation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 12:25
S41	73	(graphic) adj7 (multi near operation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 12:25
S42	1	S41 and @prad <= "20010412"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 12:27
S43	70	S41 and @ad <= "20010412"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 12:37
S44	0	S43 and presentation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 12:28
S45	51	S43 and representation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 12:28
S46	46	S45 and overlap\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 12:29

S47	46	S46 and transparent	\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 12:37
S48	0	S47 and superimpos	\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 12:30
S49	0	S47 and naviga	\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 12:31
S50	0	S47 and naviga	7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 12:37
S51	0	S47 and naviga	7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 12:37
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S53	740	monitoring near	3 flights	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 12:42
S54	1	S53 and (displaying) adj4 (graphic)		US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 12:44

S55	167	S53 and displaying	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 12:44
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